

# American Institute of Aeronautics and Astronautics (AIAA) Awards

## Call for Nominations

The AIAA is now accepting nominations for the following 2002 awards. The deadline date for the awards listed below is 1 October 2002. **DUE TO HRO NLT 9/10/02**

**Goddard Astronautics Award** is the highest honor AIAA bestows for notable achievement in the field of astronautics. It was endowed by Mrs. Goddard to commemorate her husband, Robert H. Goddard-rocket visionary, pioneer, bold experimentalist, and superb engineer, whose early liquid rocket engine launches set the stage for the development of astronautics.

**Reed Aeronautics Award** is the highest award an individual can receive for achievements in the field of aeronautical science and engineering. The award is named after Dr. Sylvanus A. Reed, the aeronautical engineer, designer, and founding member of the Institute of Aeronautical Sciences in 1932.

**Aeroacoustics Award** is presented for an outstanding technical or scientific achievement resulting from an individual's contribution to the field of aircraft community noise reduction.

**Aerodynamics Award** is presented for meritorious achievement in the field of applied aerodynamics, recognizing notable contributions in the development, application, and evaluation of aerodynamic concepts and methods.

**Aerodynamic Measurement Technology Award** is presented for continued contributions and achievements toward the advancement of advanced aerodynamic flowfield and surface measurement techniques for research in flight and ground test applications.

**Aerospace Design Engineering Award** is presented to recognize design engineers who have made outstanding technical, educational or creative achievements that exemplifies the quality and elements of design engineering.

**Aerospace Software Engineering Award** is presented for outstanding technical and/or management contributions to aeronautical or astronautical software engineering.

**Air Breathing Propulsion Award** is presented for meritorious accomplishment in the science or art of air breathing propulsion, including turbo-machinery or any other technical approach dependent upon atmospheric air to develop thrust, or other aerodynamic forces for propulsion, or other purposes for aircraft or other vehicles in the atmosphere or on land or sea

**Distinguished Service Award** give unique recognition to an individual member of AIAA who has distinguished himself or herself over a period of years by service to the Institute. (Current or past national officers and directors are ineligible for this award.)

**Engineer of the Year Award** is presented to an individual member of AIAA who has made a recent significant contribution that is worthy of national recognition.

**Fluid Dynamics Award** is presented for outstanding contributions to the understanding of the behavior of liquids and gases in motion as related to need in aeronautics and astronautics.

**Ground Testing Award** is presented for outstanding achievement in the development or effective utilization of technology, procedures, facilities, or modeling techniques or flight simulation, space simulation, propulsion testing, aerodynamic testing, or other ground testing associated with aeronautics and astronautics.

For this award, please ensure that the package includes a chronological history of the nominee's contributions to ground testing, hard data such as patents, awards, and publications to support the write-up, and at least three letters of endorsement from outside the nominee's parent organization

**International Cooperation Award** is presented to recognize individuals who have made significant contributions to the initiation, organization, implementation and /or management of activities with significant United States involvement that includes extensive international cooperative activities in space, aeronautics, or both.

Jeffries Aerospace Medicine and Life Sciences Research Award is presented for outstanding research accomplishments in aerospace medicine and space life sciences.

**Plasmadynamics and Lasers Award** is presented for outstanding contributions to the understanding of the physical properties and dynamical behavior of matter in the plasma state and lasers as related to need in aeronautics and astronautics.

**Propellants and Combustion Award** is presented for outstanding technical contributions to aeronautical or astronautical combustion engineering.

**Public Service Award** honors a person outside the aerospace community who has shown consistent and visible support for national aviation and space goals.

**Structures, Structural Dynamics and Materials Award** is presented to an individual who has been responsible for an outstanding recent technical or scientific contribution in aerospace structures, structural dynamics, or materials.

**Survivability Award** is presented to recognize outstanding achievement or contribution in design, analysis implementation and/or education of survivability in an aerospace system.

**Theodore W. Knacke Aerodynamic Decelerator Systems Award** is presented to recognize significant contributions to the effectiveness and/or safety of aeronautical or aerospace systems through development or application of the art and science of aerodynamic decelerator technology.

**Thermophysics Award** is presented for an outstanding singular or sustained technical or scientific contribution by an individual in thermophysics, specifically as related to the study and application of the properties and mechanisms involved in thermal energy transfer and the study of environmental effects on such properties and mechanisms.

**Wyld Propulsion Award** is presented for outstanding achievement in the development or application of rocket propulsion systems.

All award nominations must be submitted on the AIAA nomination form. A summary of the nominee's accomplishments must accompany this nomination form. Additional pages may be used to provide the nominees justification, education, professional assignment, honors, etc. The nomination must be supported by a minimum of three and a maximum of five letters of endorsement. Nominations involving more than one individual should be combined. The submitted material should not exceed ten (10) pages. To request a nomination form, please contact Peter Gabriel, Honors and Awards Liaison, at 703/264-7623 or via e-mail at [peterg@aiaa.org](mailto:peterg@aiaa.org).